

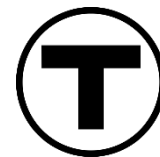


**Massachusetts Bay
Transportation Authority**

**MBTA Contract No. X72PS01:
Worcester Union Commuter Rail Station**

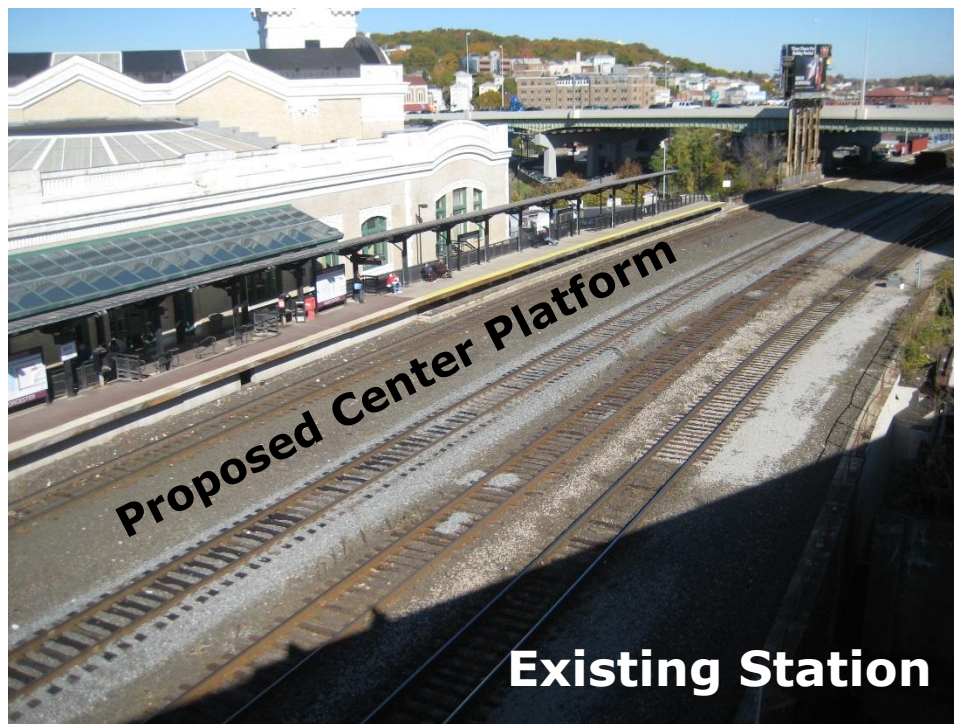
**Design and Engineering Services for Station Improvements
and Associated Track Work**

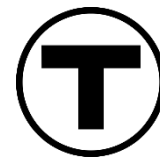
October 1, 2018



OVERVIEW

- Today's Board action will provide for Design and Construction Phase Services for the Worcester Union Station Improvements and Track Work Project.





Project Elements

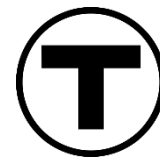
The project consists of:

- A new, fully-accessible (ADA/MAAB compliant) center island platform
- New passenger connections to the existing Union Station building and parking lot, including stairs and redundant elevators at the east and west ends of the platform
- Track upgrades, including reconstruction of the existing CP-44 interlocking
- Signal upgrades



Background

- Worcester's Union Station is a historic station located in Washington Square in downtown Worcester, Massachusetts. Union Station is the terminal station on the MBTA's Worcester Line, providing MBTA Commuter Rail service from Worcester to Boston's South Station.
 - The existing MBTA railroad right-of-way (ROW) and the Worcester Redevelopment Authority's (WRA's) existing single side platform are on a viaduct. The MBTA ROW also passes beneath the elevated U.S. Interstate Route 290 (I-290) viaduct located immediately to the east of the station platform.
 - Passengers board trains via the single-sided platform located on the second floor of Union Station. The side platform is accessible via stairs or elevator.
 - With the current single-sided platform configuration, only one commuter rail train set can enter the station at a time.
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Project Benefits

Project benefits include:

- Increased reliability
- Reduced operating schedules
- Capacity expansion options to meet current and future demand
- ADA upgrades to fulfill code compliance requirements
- Reduced station life cycle maintenance costs and lower energy consumption
- An environmentally-friendly station
- A fully integrated intermodal facility

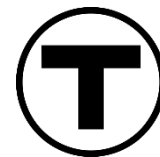


Scope of Services

The services under Contract X72PS01 will be delivered on a Task Order basis by Phase. Project Phases for this project are:

- Phase I Pre-Design (0%-15%)
- Phase II Preliminary Design (15% - 30%)
- Phase III Design Development (30% - 75%)
- Phase IV Final Design (75% - PSE)
- Phase V Bid Phase
- Phase VI Construction Phase Services

Design and Bid Phase services will be completed within 27 months. Construction phase services are anticipated to be provided for 24 months.



Request of the Fiscal and Management Control Board

Staff request that the Fiscal and Management Control Board authorize the MBTA General Manager and CEO, or his designee, to execute MBTA Contract No. X72PS01: Design and Engineering Services for Station Improvements and Associated Track Work for the Worcester Union Commuter Rail Station, with HDR Engineering, Inc. for an amount not to exceed \$4,000,000.